

FIRE PROTECTION SYSTEMS



CITIES WITHIN WILLIAMSON COUNTY



City

Requirement

Taylor

Buildings Over 6,000 sq. ft. An automatic sprinkler system shall be installed throughout all buildings with a building area over 6,000 sq. ft. For the purpose of this provision, fire walls shall not define separate buildings.

Round Rock

A1, 3, 4 & F1An automatic sprinkler system shall be provided throughout all buildings that exceed 5,000 sq. ft. M- occupancy 10,000 sq. ft.

Georgetown

A1, 3, 4 & F1An automatic sprinkler system shall be provided throughout all buildings that exceed 5,000 sq. ft. M- occupancy 10,000 sq. ft.



City

Requirement

Leander

Installed in any commercial building that is 6,000 square feet or greater or that is less than 6,000 square feet and is required by the International Fire Code or International Building Code to install a fire sprinkler system due to the occupancy of the building.

Cedar Park

Approved automatic fire sprinkler systems shall be installed in all new occupancies, buildings, and structures that exceed 6,000 square feet. Where provisions are more restrictive, those provisions shall apply. Firewalls shall not be used as an exemption to these requirements.

Hutto

Adopted ICC codes with no amendments pertaining to fire protection systems in nonresidential commercial occupancies



Advantages:

- ❖ Human life and property conservation
- ❖ Safe and easy to use
- ❖ Insurance savings
- ❖ Resale value
- ❖ Nationally recognized standard
- ❖ Liability avoidance
- ❖ Income tax deductions
- ❖ Continuous business operations and reduced damages
(48% less loss) National Fire Sprinkler Association
- ❖ Fire department resources



Disdvantages:

- ❖ Initial installation costs



Growth Hindrance

To our knowledge, the adoption of the current codes, specifically fire suppression systems, have not hindered any business from developing within the City of Taylor.



TAYLOR VS. OUR NEIGHBORS

- At Council's request, we continue to compare the City of Taylor and its requirements to other cities or departments in Williamson County.
- For this comparison we used recent developments that have garnered quite a bit of discussion.



Taylor Iron:

- Cedar Park would have required all of Taylor Iron to be protected by a fire suppression system: “Any building addition that brings the total building over 6000 sq. ft. would require the whole building to be equipped.”
- Leander, Georgetown, and Round Rock would have required the addition of a suppression system.



AnyTime Fitness:

- Leander, Cedar Park, Georgetown and Round Rock would have all required a fire suppression system as well.
- Hutto would not have required this facility to be equipped.



Advance Auto:

- Cedar Park and Leander, both would have also required this business (mercantile) to be protected by a fire suppression system.
- Georgetown, Round Rock nor Hutto requires a fire suppression system for this approx. 7000 sq. ft. mercantile occupancy.

ELGIN, TEXAS



Non protected Multi use structure



Less than 6000 sq. ft.

ELGIN, TEXAS CONT.



**Unprotected
Strip Center**



State funded Educational Facility



Retail Occupant

MANOR, TEXAS



**5000 sq. ft. Retail,
3 freestanding units**



MANOR, TEXAS CONT.

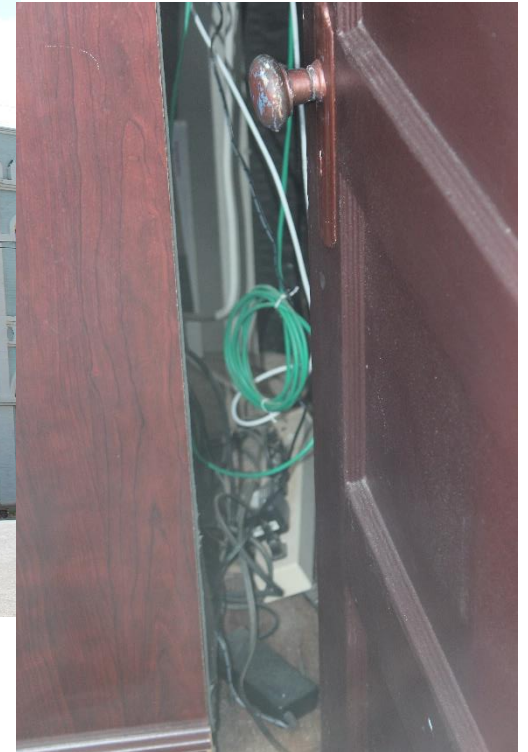


BASTROP, TEXAS



Roughly 10,000 sq. ft. Mixed Use

BASTROP, TEXAS CONT.



BASTROP, TEXAS CONT.





WHAT OPTIONS CAN WE OFFER?

Cost Sharing Grant: Grapevine, Texas

- Maintain historic structures and economic vitality
- Specific downtown district
- *All* buildings within the district to be protected
- City reimbursed over time
 - ❖ One company chosen by the city installed all systems
 - ❖ Low interest grant for businesses that chose to participate
 - ❖ Mandatory compliance
 - ❖ Square footage divided by cost, financed up to 20 years



OPTIONS CONTINUED

Fire suppression grant: Enid, Oklahoma

- City would pay for underground water service leading into the building
- Capped at a predetermined dollar amount
- Specific district

Fire suppression grant: Lockport, Illinois

- Grant up to 50% of costs for fire suppression systems
- Specific district
- Enhance protection of their structures and economic viability



WHAT WE ARE WORKING HARD TO OFFER

2017 - 2018 City Budget Request

Includes \$25,000 Grant Program for TIF District

2017 – 2018 TEDC Budget Request

Includes \$50,000 Incentive Program for Qualified Projects

THE FIRE CHIEF'S MESSAGE



NFPA – 14 firefighters on the ground within the first 6 mins

- Taylor – 6 on duty at all times plus 2 Chief Officers
- Hutto – Automatic Aid, typical response 11-12 mins with 2-3
- Balance is 11 short 3 personnel and outside recognized stds

Mutual Aid – filled by Round Rock, Georgetown, Pflugerville

- Typical response for single family residential fire is 3 and 1 plus 1 or 17 personnel
- Average work cycle is 14-16 mins “on air”. A rotation is established quickly with automatic and mutual aid companies.
- A sprinkler system gives firefighters a fighting chance by holding the fire in check until suppression efforts are begun



FIRE SUPPRESSION DEMONSTRATION VIDEO

(CLICK ON THIS LINK.)

THANK YOU



- Questions?

